

OMNIPRO® CPP R GRC20 BK1500

OMNIPRO®

Product information

Resin Identification	PP-GF20	ISO 1043
Part Marking Code	>PP-GF20<	ISO 11469

Rheological properties

Melt mass-flow rate	10 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	5100 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	62 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.2 %	ISO 527-1/-2
Flexural modulus	4550 MPa	ISO 178
Flexural strength	100 MPa	ISO 178
Charpy notched impact strength, 23°C	7.9 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.35 ^[C]	

[C]: Calculated